Approved-For Release 2003/01/24 P63-00313A000500050153-3

NESCRANDUM FOR: Deputy Assistant Director, SEA-DD/R SUBJECT: Interin Status Report on DC Cemerator 1. In a telephone conversation last night with he reported on the results of current efforts at Loukhead to solve our present difficulties with the Lear Siegler MOD MFF generator. 25X1A Arushes: Frum teshnical discussions with from Mational Cambon, a variation in the hardness of carbon brushes is to be expected. However, there is no such thing as "soft" carbon for generator brushes in our equipment. The breathour of the brushes is caused from some with Lear Sieglar and are also to Look again into solvents and other compounds used at ovariant in finishing or cleening the commutator, the generator is run on the bench for 3 to 4 hours to "est-up" the brushes. This procedure allows for the brushes to deposit a slight film on the cambator, such like the old film set up on the cylinder walls of your car's engine, and thereby reduces friction and provides for a more efficient operation. 25X1A Beautings: has advised Lear Sieglar that only Fefrir bearings are to be used in generators supplied to Lookheed. HRC and Rev Departure bearings will not be used in the U-2 generators back to their claveland division for environmental tests using Fafrir bearings. Results of this test should be svaliable early part of next week. Robbing new to report on grease and scale, although these items are receiving careful attention in the many tests now being run at Lookheed, Rendix, and Lear Siegler. 2. As a side note, I wish to confirm what I reported to you on 15 March about the delivery of Article 356 from RAR/J-T5 conversion and with the sarrial refrueling system. The groduction schedule on 356 is current, and it is anticipated them, that Article 356 will join the Reverse before the control of the confirm what I reported to you on 15 March about the delivery of Article 356 from RAR/J-T5 conversion and with the sarrial refrueling system. The groduction schedule on 356 is current, and it is anticipated them, that Article 356 will joi		25X1A
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